

STATEMENT OF BASIS (AI No. 19875)

as required by LAC 33:IX.3109, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0056421** to discharge to waters of the **State of Louisiana** as per LAC 33:IX.2311.

THE APPLICANT IS: Weyerhaeuser Company
Holden Wood Products
P. O. Box 280
Holden, Louisiana 70744

ISSUING OFFICE: Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

PREPARED BY: Paula M. Roberts
Water Permits Division
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DATE PREPARED: February 8, 2008

1. PERMIT STATUS

Reason for permit action: Reissuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term.

- A. LPDES permit: Effective date – January 1, 2003
Expiration date – December 31, 2008
- B. Multisector General Permit LAR05N866: Effective date – August 10, 2007
- C. Date Application Received: A renewal application was received on June 5, 2007.
Supplemental information to this application was received via email on August 16, 2007 and August 20, 2007.
- D. Summary of Proposed Changes from the Current LPDES permit:
- 1) Outfall(s) 001 and 002 which discharge non-contact stormwater are being removed from this individual LPDES permit and covered under MSGP LAR05N866 issued on August 10, 2007.
 - 2) The remaining two outfalls are internal outfalls named respectively as Outfall 101-treated sanitary wastewater and Outfall 201-planer mill non-contact cooling water. These two outfalls will be monitored at their respective locations on the site map, however, the final effluent will be discharged and leave the site through South Main Outfall 001(presently covered under MSGP LAR05N866).

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2. FACILITY INFORMATION**A. FACILITY TYPE/ACTIVITY - Sawmill**

This applicant operates a timber products processing plant where logs are cut to length, sorted and debarked before being sawed into rough lumber and dried in a kiln. The dry, rough lumber is graded, planed and packaged for sale.

B. FEE RATE

1. Fee Rating Facility Type: Minor
2. Complexity Type: II
3. Wastewater Type: III
4. SIC code: 2421

C. LOCATION – 17391 Florida Boulevard, Livingston Parish (Latitude 30°30'18", Longitude 90°37'59")

3. OUTFALL INFORMATIONOutfall 101

Discharge Type: Treated sanitary wastewater

Treatment: three-cell oxidation pond (aerated)

Location: At the point of discharge from the pond outfall, located on the south portion of the facility, prior to mixing with other waters (Latitude 30°30'24", Longitude 90°38'17")

Flow: Intermittent – 0.0021 MGD

Discharge Route: open ditch into South Main Outfall 001, thence into an unnamed ditch, thence into Big Branch of Tickfaw River

Outfall 201

Discharge Type: Planer mill non-contact cooling water (single pass)

Treatment: none

Location: At the point of discharge located on the west side of planer mill building from cooling water pipe, prior to mixing with other waters (Latitude 30°30'31", Longitude 90°38'19")

Flow: Intermittent – 0.0028 MGD

Discharge Route: open ditch into South Main Outfall 001, thence into an unnamed ditch, thence into Big Branch of Tickfaw River

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4. RECEIVING WATERS

STREAM – Big Branch of the Tickfaw River

BASIN AND SEGMENT – Lake Pontchartrain Basin, Segment No. 040501

DESIGNATED USES - a. primary contact recreation
 b. secondary contact recreation
 c. propagation of fish and wildlife
 d. outstanding natural resource waters

5. PROPOSED EFFLUENT LIMITSOutfall 101 - Treated sanitary wastewater

Parameter	Monthly Average	Weekly Average	Frequency	Sample Type	Reference
Flow	Report	Report	1/3 months	Estimate	Previous permit and LAC 33:IX.2701.I.1.b
BOD ₅	30	45 mg/L	1/3 months	Grab	Previous permit and Class II Sanitary General Permit
TSS	90	135 mg/L	1/3 months	Grab	Previous permit and Class II Sanitary General Permit
Fecal Coliform ¹	200 COL/100ml	400 COL/100 ml	1/3 months	Grab	Previous permit and Class II Sanitary General Permit
pH	6.0 S.U. (min)	9.0 S.U. (max)	1/3 months	Grab	Previous permit and LAC 33:IX.1113.C.1

Outfall 201 – Planer mill non-contact cooling water (single pass)

Parameter	Monthly Average	Daily Maximum	Frequency	Sample Type	Reference
Flow	Report	Report	1/month	Estimate	Previous permit and LAC 33:IX.2701.I.1.b
TOC	N/A	50 mg/L	2/month	Grab	Previous permit and similar facilities
Oil & Grease	N/A	15 mg/L	1/month	Grab	Previous permit and similar facilities
Temperature (Freshwater)	N/A	Report	1/month	Grab	BPJ -Light Commercial General Permit LAG480000
pH	6.0 S.U. (min)	9.0 S.U. (max)	1/month	Grab	Previous permit and LAC 33:IX.1113.C.1

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6. COMPLIANCE HISTORY/DMR REVIEW

- A. There are no open, appealed, or pending enforcement actions for this facility.
- B. A DMR review for the period beginning March 2005 through March 2007 revealed one fecal coliform excursion during the period January –March 2007 with an exceedance of 864 col/100 ml for the monthly average and the weekly average.
- C. The last compliance inspection was performed on January 30, 2004. There were no areas of concern noted except the permittee had two excursions for TOC reported on the DMR.

7. ENDANGERED SPECIES

The receiving waterbody, Subsegment No. 040501 of the Lake Pontchartrain Basin has been identified by the U.S. Fish and Wildlife Service (FWS) as habitat for the Gulf Sturgeon, which is listed federally as an endangered species. However, based upon the information in Section II.2 of the MOU, consultation is required only if this facility falls into one or more of the categories listed in this section. Therefore, consultation with the Service is not required. This strategy was submitted with a letter dated October 24, 2007 from Boggs (FWS) to Brown (LDEQ). The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat. Therefore, the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat.

8. HISTORIC SITES

The discharge is from an existing facility, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

9. TENTATIVE DETERMINATION

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to reissue a permit for the discharge described in the application.

10. PUBLIC NOTICES

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the fact sheet. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

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Public notice published in:

Local newspaper(s) of general circulation

Department of Environmental Quality Public Notice Mailing List

11. 303(d) ISSUE

Subsegment 040501, Tickfaw River-From Mississippi State Line to LA Hwy. 42 (Scenic) is listed on LDEQ's 2004 305(b)/303(d) Integrated Report as impaired for Mercury, Total Dissolved Solids, and Total Fecal Coliform. To date no TMDLs have been completed for the Lake Pontchartrain Basin, however, the handling of these impairments in the permit are addressed below.

The discharge from Outfall 101 (Treated sanitary wastewater) is to Big Branch of the Tickfaw River. This sanitary discharge is too minimal to contribute to the fecal coliform impairment listed. However, since this is a point source discharger discharging treated sanitary wastewater, monitoring for fecal coliform colonies is the best indicator for the potential presence of pathogenic microorganisms in wastewater. Therefore, to protect against the development of pathogenic organisms in the receiving waterbodies, fecal coliform limits are established in the permit.

The discharge from Outfall 201 (non-contact cooling water) is to Big Branch of the Tickfaw River. It is unlikely that the constituents of this discharge will contribute to the Mercury or the Total Dissolved Solids impairment in the receiving stream. Therefore, there will be no effluent limitations or report requirements imposed in the permit for these impairments.

Also, a reopener clause will be placed in the permit to allow for the requirement of effluent limitations and other requirements as deemed necessary by any future TMDLs.